

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	10589	(brag\$3 near4 grating\$1) same (mask\$1 uv interference\$1 fiber\$1 fibre\$1 waveguide\$1 wave adj1 guide\$1 substrat\$2)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41
2	BRS	L2	1793	grating\$1 same (masks (second adj1 mask\$3))	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41
3	BRS	L3	17292	(((\$2bg BG\$1 grating\$1) same beams)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41
4	BRS	L4	3458	(((\$2bg BG\$1 grating\$1) same beams) same interference	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41
5	BRS	L5	18407	(bg\$1 grating\$1 \$2bg) same (index\$3 indice\$1)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41

	Type	L #	Hits	Search Text	DBs	Time Stamp
6	BRS	L6	1449	L3 and L4 and L5	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41
7	BRS	L7	139	L1 and L2 and L6	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41
8	BRS	L8	22	L7 and (windows holes aperturs slits) same (bg\$1 grating\$1 \$2bg mask\$1)	US- PGPUB; USPAT; EPO; JPO; DERWEN T	2007/05/16 18:41

	Type	Hits	Search Text
1	BRS	7999	(brag\$3 near4 grating\$1) same (mask\$1 uv interference\$1 fiber\$1 fibre\$1 waveguide\$1 wave adj1 guide\$1 substrat\$2)
2	BRS	1323	grating\$1 same (masks (second adj1 mask\$3))
3	BRS	2869	(ultraviolet\$3 ultra adj1 violet\$3 uv) same grating\$1
4	BRS	8628	(BG\$1 grating\$1) near9 (second adj1 beam beams)
5	BRS	92307	(bg\$1 grating\$1 near12 (portion\$1 area\$1 segment\$1 index\$3 indice\$2)) same index\$3 indice\$1
6	BRS	37346	(gaussian\$2 apodiz\$6)
7	BRS	23465	(bg\$1 grating\$1) near12 (fiber\$1 fibre\$1 waveguide\$1 wave adj1 guid\$3 substrat\$2) same (fiber\$1 fibre\$1 waveguide\$1 wave adj1 guid\$3)
8	BRS	31	S1 and S2 and S3 and S4 and S6 and S7 and S8
9	BRS	8	S9 and (windows holes aperturs)
10	BRS	0	S9 and ((windows holes aperturs) same mask\$1)
11	BRS	4	S9 and ((windows holes apertur\$2) same mask\$1)
12	BRS	1	S9 and ((slits vias) same mask\$1)

	DBs	Time Stamp
1	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 16:27
2	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:13
3	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 14:27
4	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:08
5	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:10
6	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 14:34
7	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:12
8	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 15:28
9	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 16:43
10	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 15:30
11	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 15:51
12	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 15:37

	Type	Hits	Search Text
13	BRS	50	("5,104,209" "5,478,371" "5,367,588" "5.652,818" "5,655,040" "5,730,888" "5,748,814" "5,830,622" "5,857,043" "5.903,689" "5,912,999" "5,930,420" "5,953,471" "6,004,703" "6,035,083" "6,043,497" "6,072,927" "6,084,998" "6,130,973" "6,169,830" "6,204,969" "6,256,435" "6,278,817" "6,307,679" "6,330,383" "6,374,016" "6,404,956" "6,408,119" "6,415,081" "6,441,962" "6,456,762" "6,465,153" "6,545,808" "6553,163" "6,574,395" "6,591,039" "20010008466" "20010014200" "20010021294" "20010031114" "20010043774" "20010051020" "20020015919" "20020122628" "20020186924" "20030007729" "20030007732" "20030035623" "20030053732" "20030107786" "20030107787" "20030108802") .pn.
14	BRS	67	S1 and S2 and S3 and S4 and S6 and S8
15	BRS	11	S16 and S14
16	BRS	3	S17 and ((windows holes apertur\$2 slits) same mask\$1)
17	BRS	0	S17 and (second adj1 (window hole slit) same mask\$1)
18	BRS	7	S10 not S12
19	BRS	7	("20050047705" "6771857" "6567573" "5972542" "5881188" "5881186" "5745617") .pn.
20	BRS	7	S10 and S22
21	BRS	7	S22 and (windows holes aperturs)
22	BRS	2	"20010043774" .pn.
23	BRS	1	S20 and (mask\$1 same grating\$1)
24	BRS	14137	(((\$2bg BG\$1 grating\$1) same beams)
25	BRS	2898	(((\$2bg BG\$1 grating\$1) same beams) same interference

	DBs	Time Stamp
13	US-PGPUB; USPAT	2005/05/09 15:49
14	US-PGPUB; USPAT	2005/05/09 15:51
15	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 15:51
16	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 16:12
17	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 16:17
18	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 16:21
19	US-PGPUB; USPAT	2005/05/09 16:22
20	US-PGPUB; USPAT	2005/05/09 16:23
21	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:17
22	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 16:27
23	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:07
24	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:09
25	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:09

	Type	Hits	Search Text
26	BRS	14466	(bg\$1 grating\$1 \$2bg) same (index\$3 indice\$1)
27	BRS	1184	S27 and S28 and S29
28	BRS	115	S1 and S2 and S30
29	BRS	24	S31 and (windows holes aperturs)
30	BRS	18	S31 and (windows holes aperturs slits) same (bg\$1 grating\$1 \$2bg mask\$1)
31	BRS	3	S33 and S7
32	BRS	2	"6067391".pn.
33	BRS	1	S35 and S34
34	BRS	1	S20 and (refract\$5 index\$3 indic\$2)
35	BRS	2	S35 and (refract\$5 index\$3 indic\$2)
36	BRS	0	S35 and (indexes indic\$2) same (beams interfer\$5)
37	BRS	1	S35 and (indexes indic\$2)
38	BRS	1	S35 and (index\$3 indic\$2) same (var\$5 diff\$5 tun\$5 chang\$5 modif\$5 alter\$4)
39	BRS	1	S35 and (index\$3 indic\$2 reflect\$7) same (desir\$4 var\$5 diff\$5 tun\$5 chang\$5 modif\$5 alter\$4)
40	BRS	2	"6067391".pn.
41	BRS	1	S43 and (order\$1 same (beam\$3 radia\$4 interf\$6 light wavelength\$1 grating\$1 brag\$2))
42	BRS	2	"6067391".pn.
43	BRS	1	S45 and gas\$5
44	BRS	1	S45 and (heat\$4 hydrogen\$4 evapor\$5 vapor\$7)
45	BRS	2	"6067391".pn.

	DBs	Time Stamp
26	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:18
27	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:12
28	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
29	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:18
30	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
31	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 17:38
32	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/23 17:39
33	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 18:28
34	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 18:28
35	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 18:40
36	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 18:39
37	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 18:40
38	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 18:57
39	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/09 18:58
40	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 13:21
41	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 12:06
42	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/18 17:10
43	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 13:26
44	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 13:28
45	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 16:44

	Type	Hits	Search Text
46	BRS	1	S48 and (phas\$4 near5 (chang\$4 shift\$4 alter\$5))
47	BRS	8016	(brag\$3 near4 grating\$1) same (mask\$1 uv interference\$1 fiber\$1 fibre\$1 waveguide\$1 wave adj1 guide\$1 substrat\$2)
48	BRS	1328	grating\$1 same (masks (second adj1 mask\$3))
49	BRS	14153	((\$2bg BG\$1 grating\$1) same beams)
50	BRS	2902	((\$2bg BG\$1 grating\$1) same beams) same interference
51	BRS	14485	(bg\$1 grating\$1 \$2bg) same (index\$3 indice\$1)
52	BRS	1186	S52 and S53 and S54
53	BRS	115	S50 and S51 and S55
54	BRS	115	S50 and S51 and S55
55	BRS	18	S57 and (windows holes aperturs slits) same (bg\$1 grating\$1 \$2bg mask\$1)
56	BRS	2	S58 and (gas\$5)
57	BRS	1	"6067391".pn.
58	BRS	2	"6067391".pn.
59	BRS	1	S62 and (gas\$4 profile\$1 table lookup\$4)
60	BRS	1	S64 and (gas\$4 profile\$1 table lookup\$4)
61	BRS	2	S62 and (heat\$4 thermal\$4 hydrogen\$4 co\$2 carbon\$4)
62	BRS	1	S62 and (heat\$4 thermal\$4 hydrogen\$4 co\$1 carbon\$4 melt\$4 gas\$5 fum\$2)
63	BRS	0	co\$1 near laser\$1 near9 grating\$1 same (gas gaseous near7 hydrogn\$1) near7 profile\$1 and grating near7 interference near5 beam\$1
64	BRS	0	co\$1 near laser\$1 near9 grating\$1 same (gas gaseous near7 hydrogn\$1) and grating near7 interference near5 beam\$1

	DBs	Time Stamp
46	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 15:58
47	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
48	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
49	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
50	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
51	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
52	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
53	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:23
54	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:24
55	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 19:09
56	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/05/10 16:25
57	US-PGPUB; USPAT	2005/11/18 17:11
58	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 16:45
59	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 16:53
60	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 16:56
61	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:02
62	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:07
63	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:11
64	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:11

	Type	Hits	Search Text
65	BRS	0	co\$1 near laser\$1 near9 grating\$1 same (gas gaseous hydrogn\$1) and grating\$1 near7 interference near5 beam\$1
66	BRS	0	((('co' "'co.'") adj2 laser\$1 near9 grating\$1) same (gas gaseous hydrogn\$1) and grating\$1 near7 interference near5 beam\$1
67	BRS	4	((('co' "'co.'") adj2 laser\$1 near9 grating\$1) same (gas gaseous hydrogn\$1)
68	BRS	586	(laser\$1 near9 grating\$1) same (gas gaseous hydrogn\$1)
69	BRS	351	(laser\$1 near9 grating\$1) same laser near7 (gas gaseous hydrogn\$1)
70	BRS	21	(laser\$1 near9 grating\$1) same laser near7 (gas gaseous hydrogn\$1) same interference
71	BRS	6	(laser\$1 near9 grating\$1) same laser near7 (gas gaseous hydrogn\$1) same interference near3 beam\$1
72	BRS	2	(laser\$1 near9 grating\$1) same laser near7 (heat\$3 themal\$4 intens\$4) near5 (gas gaseous hydrogn\$1) and beam\$1 near3 interfer\$5
73	BRS	0	(laser\$1 near9 grating\$1) same laser near7 (heat\$3 themal\$4 intens\$4) near5 (hydrogn\$1) same (fiber\$1 fibre\$1 waveguide\$1)
74	BRS	0	(laser\$1 near9 grating\$1) same laser near7 (hydrogn\$1) same (fiber\$1 fibre\$1 waveguide\$1)
75	BRS	11	(laser\$1 near9 grating\$1) same laser near7 (hydrogen\$1) same (fiber\$1 fibre\$1 waveguide\$1)
76	BRS	1	(laser\$1 near9 grating\$1) same beam\$2 near7 (gas gaseous hydrogn\$1) near7 (fiber\$1 FIBRE\$1)
77	BRS	1	(beam\$1 near9 grating\$1) same beam\$2 near7 (gas gaseous hydrogn\$1) near7 (core clad\$4 fiber\$1 FIBRE\$1)
78	BRS	1	(beam\$1 near9 grating\$1) same beam\$2 near7 (gas gaseous hydrogn\$1) near7 (core clad\$4 fiber\$1 FIBRE\$1 waveguide\$1)

	DBs	Time Stamp
65	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:12
66	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:13
67	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:16
68	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:16
69	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:17
70	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:30
71	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:19
72	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:22
73	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:27
74	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:27
75	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:37
76	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 17:32
77	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:07
78	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:08

	Type	Hits	Search Text
79	BRS	17	(beam\$1 near9 grating\$1) and (writ\$4 beam\$2) near7 (gas gaseous hydrogn\$1) near7 (core clad\$4 fiber\$1 FIBRE\$1 waveguide\$1)
80	BRS	8746	(brag\$3 near4 grating\$1) same (mask\$1 uv interference\$1 fiber\$1 fibre\$1 waveguide\$1 wave adj1 guide\$1 substrat\$2)
81	BRS	1446	grating\$1 same (masks (second adj1 mask\$3))
82	BRS	14980	((\$2bg BG\$1 grating\$1) same beams)
83	BRS	3051	((\$2bg BG\$1 grating\$1) same beams) same interference
84	BRS	15563	(bg\$1 grating\$1 \$2bg) same (index\$3 indice\$1)
85	BRS	1261	S87 and S88 and S89
86	BRS	123	S85 and S86 and S90
87	BRS	19	S91 and (windows holes aperturs slits) same (bg\$1 grating\$1 \$2bg mask\$1)
88	BRS	1	S62 and (windows holes aperturs slits) same (bg\$1 grating\$1 \$2bg mask\$1)
89	BRS	1	S62 and (windows holes aperturs slits) same (bg\$1 grating\$1 \$2bg mask\$1) and phase
90	BRS	1	S62 and (windows holes aperturs slits) same (bg\$1 grating\$1 \$2bg mask\$1) and phase and (shap44 pattern\$1)
91	BRS	1	S62 and (phase same (slit\$3 holes shap\$4 pattern\$1 shift\$4 delay\$4 var\$5 chang\$4))
92	BRS	1	S62 and (phase same (mask\$4 slit\$3 holes shap\$4 pattern\$1 shift\$4 delay\$4 var\$5 chang\$4))
93	BRS	1	10/733325
94	BRS	1	10/733325
95	BRS	1	S99 and (apodiz\$6)

	DBs	Time Stamp
79	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:09
80	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
81	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
82	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
83	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
84	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
85	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
86	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 18:38
87	US-PGPUB; USPAT; EPO; JPO; DERWENT	2007/05/16 18:41
88	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 19:12
89	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 19:15
90	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 19:28
91	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 19:31
92	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/21 19:31
93	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/23 17:32
94	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/23 17:32
95	US-PGPUB; USPAT; EPO; JPO; DERWENT	2005/11/23 17:32

	Type	Hits	Search Text
96	BRS	1	"6067391".pn.
97	BRS	1	S101 and (apodiz\$5 gauss\$4)
98	BRS	1	S111 and (apodiz\$5 gauss\$4)
99	BRS	1	"6067391".pn.
100	BRS	1	10/733325
101	BRS	1	S112 and (overlap\$4 expos\$5 radiat\$5 segment\$4 portion\$4)
102	BRS	1	"5,225,930".pn.
103	BRS	0	S115 and (mpm grating\$2)
104	BRS	1	S113 and (mpm grating\$2)
105	BRS	1	S111 and (mpm grating\$2)
106	BRS	1	S114 and (mpm grating\$2 waveguide\$2 fiber\$1 fibre\$1 fbg\$1)
107	BRS	1	S114 and (mpm grating\$2 waveguide\$2 fiber\$1 fibre\$1 fbg\$1 cross\$4 multipl\$6)
108	BRS	1	S114 and (mpm grating\$2 waveguide\$2 fiber\$1 fibre\$1 fbg\$1 cross\$4 multipl\$6 beam\$2 sourc\$2 laser\$1)
109	BRS	1	S114 and (mpm grating\$2 waveguide\$2 fiber\$1 fibre\$1 fbg\$1 cross\$4 multipl\$6 beam\$2 sourc\$2 laser\$1 radiat\$5)
110	BRS	1	"6067391".pn.
111	BRS	1	S123 and (partial\$4 overlap\$4 cross\$4 non-cross\$4 non)

	DBs	Time Stamp
96	US-PGPUB; USPAT	2005/11/23 17:39
97	US-PGPUB; USPAT	2006/08/14 11:24
98	US-PGPUB; USPAT	2006/08/14 11:24
99	US-PGPUB; USPAT	2006/08/14 16:42
100	US-PGPUB; USPAT	2006/08/14 11:25
101	US-PGPUB; USPAT	2006/08/14 11:40
102	US-PGPUB; USPAT	2006/08/14 11:53
103	US-PGPUB; USPAT	2006/08/14 11:53
104	US-PGPUB; USPAT	2006/08/14 11:54
105	US-PGPUB; USPAT	2006/08/14 11:59
106	US-PGPUB; USPAT	2006/08/14 12:08
107	US-PGPUB; USPAT	2006/08/14 12:09
108	US-PGPUB; USPAT	2006/08/14 12:10
109	US-PGPUB; USPAT	2006/08/14 12:10
110	US-PGPUB; USPAT	2006/08/14 16:42
111	US-PGPUB; USPAT	2006/08/14 16:43